



DASCH (LX-DA)

TYPE: LX-DA-



Declare.

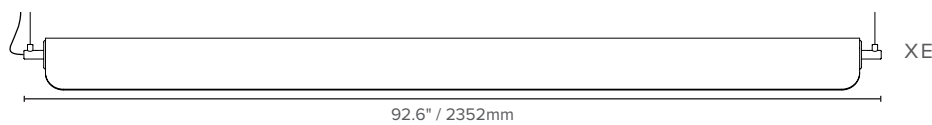
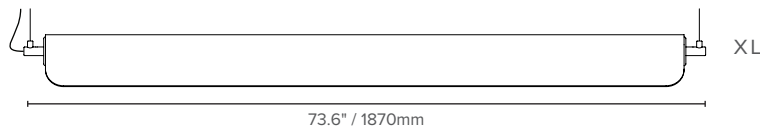
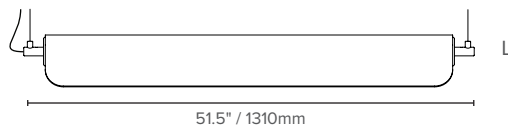
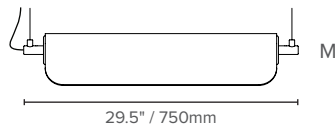
KEY FEATURES

- Highly effective noise absorption
- Perfect fit for corridors, hallways or above desks
- 4 lengths and a wide range of colors
- Mix and match shade colors and end cap finishes
- High performance dimmable LED light source
- UGR<19
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available
- Declare-listed

OPTIONAL EXTRAS

- Additional options available upon request:
- 2700K CCT
 - Red List Free Certificate
 - POE
 - Bluetooth controller (US & EU)
 - Tunable White
 - White canopy and power cord
 - BABA Act Certificate

SIZE, OUTPUT AND WEIGHT



	S	M	L	XL	XE
Delivered Lumen Output	683 lm	1245 lm	2370 lm	3495 lm	4489 lm
Wattage	8.9 W	16.3 W	31 W	45.6 W	58.3 W
Efficacy	77 lm/W				
CRI	90+				
UGR	<19				
Beam Angle	45°				
CCT	3000/3500/4000 K				
Weight	13.2lbs/6Kg	17.6lbs/8Kg	22lbs/10Kg	30.9lbs/14Kg	35.3lbs/16Kg

ORDER CODE

EXAMPLE: LX - DA - L - SA - 40 - G - RD

(Luxbox Dasch, 51.5" x 6" / 1310 x 145mm, Sand PET color, 4000K, Global 220-240V 1% dimming, Remote driver)

LX - DA										
PRODUCT CODE	SIZE	SHADE COLOR*	END CAP FINISH	COLOR TEMP		REGION / DIMMING		DRIVER TYPE		
DA	S	18.5" x 6" / 470 x 145 mm	Use color codes as shown on p. 2	30	3000K	UNV	Universal 110 - 277V / 0-10V 1% Dimming (North America only)	CD	Canopy concealed driver (UNV/North America only)	
	M	29.5" x 6" / 750 x 145 mm			35					
	L	51.5" x 6" / 1310 x 145mm			40					
	XL	73.6" x 6" / 1870 x 145mm				G	Global 220-240V 1% dimming DSI/DALI	RD	Remote driver (UNV or G)	
	XE	92.6" x 6" / 2352 x 145mm								

* For a wool finish on the shade, its inner face will always be in Light Grey PET. (LG)

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AVAILABLE COLORS

		CORE							ANODIZED (ENDCAPS)	
PET	CORE									
		Off White (OW)	Light Grey (LG)	Light Blue (LB)	Dark Blue (DB)	Emerald Green(EG)	Charcoal (C)	Black (B)	Black (BL)	Brass (BR)
	DESIGNER									
		Sand (SA)	Mid Grey (MG)	Terra (TR)	Espresso (ES)	Sage (SE)	Steel Blue (SB)	Ink (IN)	Copper (CO)	Silver (SL)
		Blush (BH)	Bright Blue (BB)	Forest Green (FG)	Bright Yellow (BY)	Orange (O)	Red (R)			
WOOL										
		4M	2T	4T	4C	3V	2I	3W	3Q	4N
		13	39	63	90	3P	3T	4Q	3N	4L
		4U	3S	82	4R	3M	58	2W	47	86
		4A	4D	2Q	1E	28	4W	1J	31	30
		1R	1V	1W	1P	1Y	12	67	08	02
		3Z	2U	2Z	3X	3B	4B	4S	4K	33
		4P	09	26	62	1F	1K	1L	53	3U
		3Y	3R	3A	4V	4F	4E	4G		

Colors are subject to lead times and variations across batches

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PHOTOMETRICS

LIGHT SOURCE SPECIFICATIONS

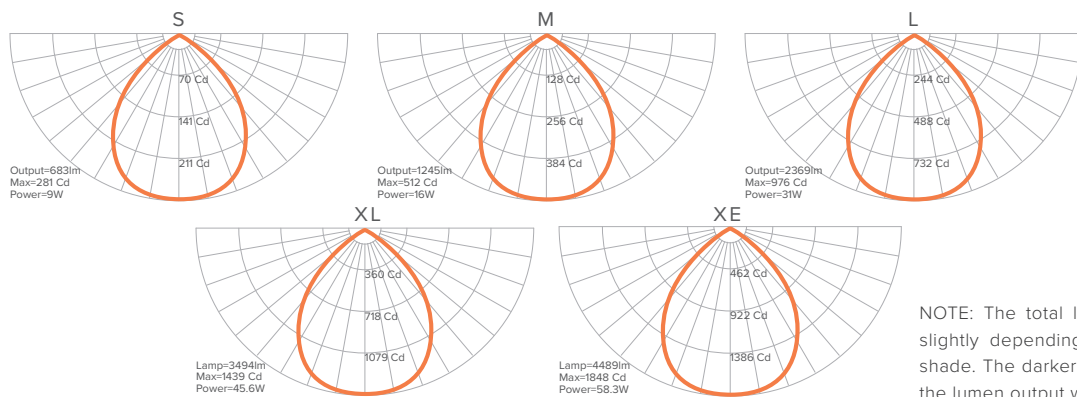
SPECIFIC LENGTHS

	S	M	L	XL	XE
Delivered Lumen Output	683 lm	1245 lm	2370 lm	3495 lm	4489 lm
Wattage	8.9 W	16.3 W	31 W	45.6 W	58.3 W
Efficacy	77 lm/W				
CRI	90+				
UGR	<19				
Beam Angle	45°				
CCT	3000/3500/4000 K				

PER LINEAR FOOT / METER

	PER FOOT	PER METER
Delivered Lumen Output	570 lm/ft	1869 lm/m
Wattage	7.43 W/m	24.38 W/m
Efficacy	77 lm/W	77 lm/W
CRI	90+	
UGR	<19	
Beam Angle	45°	
CCT	3000/3500/4000 K	

LUMINOUS INTENSITY DISTRIBUTION



NOTE: The total lumen output will vary slightly depending on the color of the shade. The darker the color is, the lower the lumen output will be.

DRIVER INFORMATION

		WATTAGE	MAX VOLTAGE (V)	COMPLIANCE
UNIVERSAL (UNV) 110 - 277VAC 0-10V - 1% dimming (North America)	S	30W	18-36VDC	
	M	30W		
	L	50W		
	XL	50W		
	XE	65W		
GLOBAL (G) 220 - 240VAC 1% DSI DALI dimming	S	30W	18-36VDC	
	M	30W		
	L	50W		
	XL	50W		
	XE	65W		

CANOPY INFORMATION

Please note power cord and canopy will always be supplied in black unless specified otherwise.



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MATERIAL SPECIFICATIONS

COLOR FASTNESS TO LIGHT:	ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS 1530.3 / ISO 9705: Group 1 / GB8624 B1 / ASTM E-84-14 (Class A, FSI:20 - SDI:450) / BS EN13501-1:2007+A1:2009 (B-s1, d0)
ENVIRONMENTAL:	PET: GreenTag Certification / GreenRate: Level A
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m ² K/W
SOUND ABSORPTION:	AS ISO 354 – 2006 / Noise reduction coefficient (NRC) = 0.85
VOC EMISSIONS:	ASTM D5116 Rate: < 0.01 mg/m ² /hr (7 days)

Please note some of these certificates will apply to specific colors.

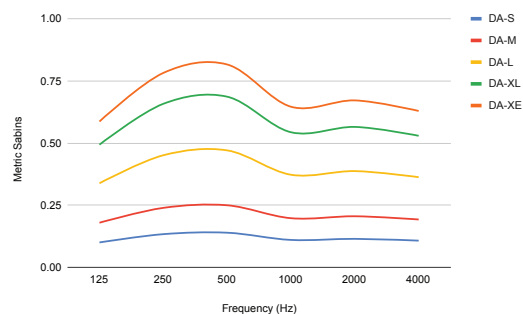
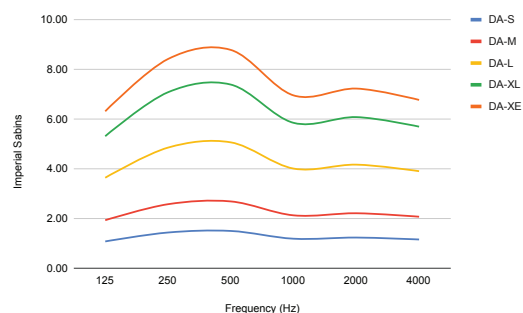
PRODUCT ACOUSTIC PROPERTIES

Testing and post analysis procedures were carried out in accordance with the references detailed below:

AS ISO 354-2006 (R2016)	Acoustics—Measurement of sound absorption in a reverberation room
AS ISO 11654—2002	Rating of sound absorption—Materials and systems
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests
ISO 20189	Screens, furniture and single objects intended for interior use – Rating of sound absorption and sound reduction of elements based on laboratory measurements.

SABINS (FT ²)	Frequency (Hz)	Sound Absorption Coefficient	S	M	L	XL	XE
	125	0.69	1.08	1.93	3.64	5.31	6.31
	250	0.92	1.44	2.57	4.85	7.08	8.42
	500	0.96	1.50	2.69	5.06	7.39	8.78
	1000	0.76	1.19	2.13	4.01	5.85	6.95
	2000	0.79	1.23	2.21	4.17	6.08	7.23
	4000	0.74	1.15	2.07	3.90	5.70	6.77

SABINS (M ²)	Frequency (Hz)	Sound Absorption Coefficient	S	M	L	XL	XE
	125	0.69	0.12	0.22	0.42	0.61	0.72
	250	0.92	0.10	0.18	0.34	0.49	0.59
	500	0.96	0.13	0.24	0.45	0.66	0.78
	1000	0.76	0.14	0.25	0.47	0.69	0.82
	2000	0.79	0.11	0.20	0.37	0.54	0.65
	4000	0.74	0.11	0.21	0.39	0.56	0.67



The Sabin data shown above is in accordance with the latest International Standards for the rating of sound absorption and reduction. This is different from the classic methodology, which includes the calculation of the Noise Reduction Coefficient (NRC), the Sound Absorption Average (SAA), the Weighted Sound Absorption Coefficient (α_w) and the Sound Absorption Class (SAC). However, to make it easier to compare against other products, we are including that information on the table on the right, which was calculated using the Horizontal Floor Area method. Fully detailed test reports are available upon request.

NRC	0.85
SAA	0.83
α_w	0.85

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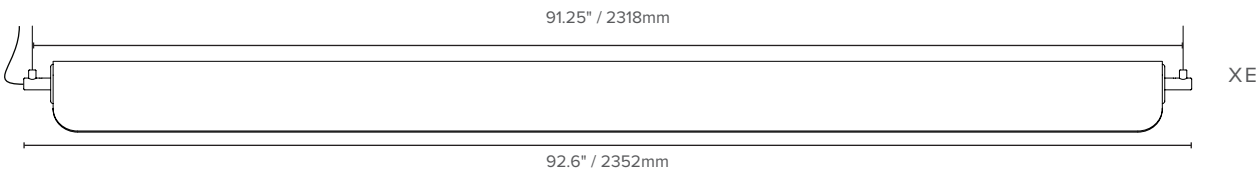
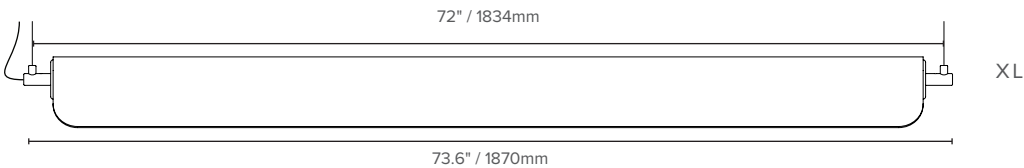
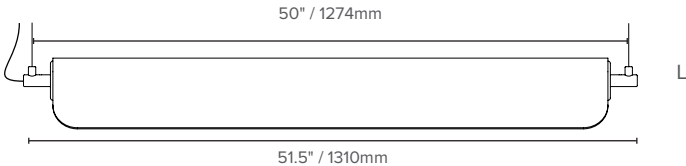
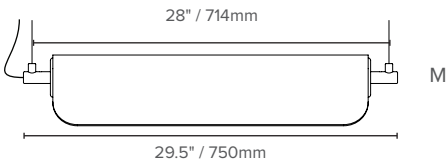
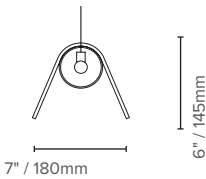
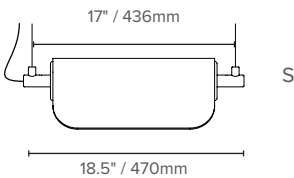
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PRODUCT DIMENSIONS

SIDE VIEWS

END VIEW



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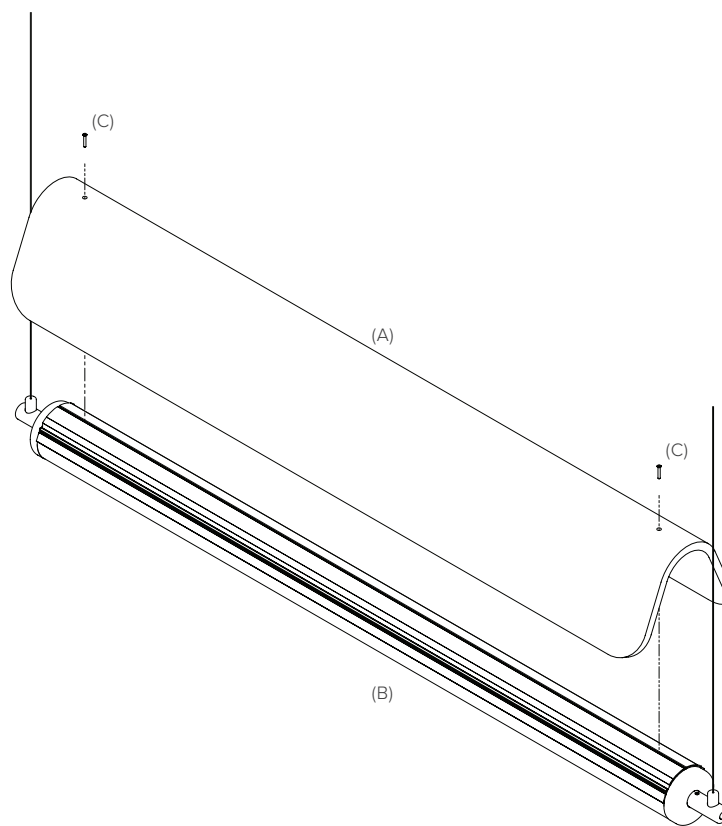


ASSEMBLY GUIDELINES

PRODUCT ASSEMBLY

Some of our products require a brief assembly before installation. Please refer to the diagram and instructions below for this specific product:

1. Position the shade (A) directly over the chassis (B), ensuring the relief cuts are facing down.
2. Align the shade (A) so that it is perfectly centered on the chassis (B).
3. Insert the supplied screws (C) from the top through the designated holes and fasten them securely.
4. Complete the rest of the installation by following the product-specific instructions in your installation manual.

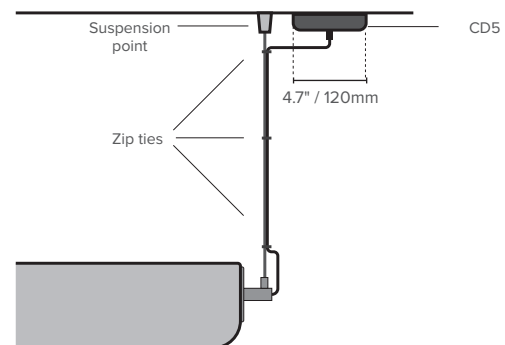


EXAMPLE: SUSPENSION - POWER

On the front views above you can see the power cable will always exit the pendant through the side of the pendant, very close to the suspension cable.

Canopies are not supplied with suspension points, so our recommended method of installation is shown on the diagram on the right.

You will find more detailed information about the canopy on page 3 or refer to the Installation Instructions at www.luxxbox.com.



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